

## CLAIMS

### What is claimed is:

1. Apparatus for controlling a patient injector system, said apparatus comprising:

5 means for selectably establishing a first phase of an injection protocol, said first phase comprising one of: a contrast medium phase and a flushing medium phase; and

10 means for selectably establishing a subsequent second phase of said protocol, said second phase comprising one of: a contrast medium phase and a flushing medium phase.

2. Apparatus for controlling a patient injector system, said apparatus comprising:

15 means for selectably establishing a first phase of an injection protocol, said first phase comprising one of: a contrast medium phase and a flushing medium phase;

20 means for selectably establishing a second phase of said protocol, said second phase comprising a hold phase.

3. Apparatus for controlling a MRI injector system, said apparatus comprising:

means for selectably establishing a first phase of an injection protocol;

